UROLOGY VOLUME XXXI, JANUARY TO JUNE 1988

AUTHOR INDEX

Pages	Issue	Pages	Issue
1–94	January	287–370	April
95–189	February	371–458	May
1–28	Supplement	459–538	June
191–285	March	1–64	Supplement
1–36	Supplement		

Abrahamson, J., 490
Acconcia, A., 517
Adelman, D. C., Suppl (6) 14
Alcini, E., 10
Ando, K., 75
Arai, Y., 321
Archer, J. S., 30
Aronne L. J., 225
Assimos, D. G., 338
Atobe, T., 75
Attramadal, A., 70
Avetta, L., 168

Babaian, R. J., 7, 30, 132, 371
Badlani, G. H., 526
Bahren, W., 300, 483
Baikadi, M., 198
Baker, M. E., 332
Baker, W. C., 111
Barrett, D. M., 474
Basile, J. J., 338
Baum, R. D., 57, 369
Bayne, D., 22
Bazeed, M. A., 240
Beall, G. N., Suppl (6) 14
Bean, W. J., 231
Becht, E., 240
Beckman, E. N., 283
Benoit, G., 63
Benson, R. C., Jr., Suppl (2) 13
Berchmans, J., 198
Bergman, A., 180, 354
Berkland, M., 198
Berman, S. M., 17
Bernstein, S. A., 432
Berquist, T. H., 176
Bezirdjian, L. B., 160
Bhatia, N. N., 180, 354
Bhola, A., 279
Bickerstaff, K. I., 408
Bishai, M. B., 111
Boss, J., 490
Boyce, W. H., 338
Boyd, S. D., 95
Braf, Z., 453
Braham, R. L., 225
Brandt, T. D., 248
Bresette, J. F., 255
Bretan, P. N., Jr., 457
Bridge-Leake, Z., 297
Brock, W. A., 129
Broecker, B. H., 60
Bueschen, A. J., 55
Bukowski, R. M., 403

Canning, J. R., 86
Cant, J., 38
Caroline, D. F., 530
Carpiniello, V. L., 26
Carroll, P. R., 72, 432
Carson, C. C., 510
Castiglioni, G. C., 10
Certo, L. M., 168
Chadbourne, D. M., 395
Chaganti, R. S. K., 72
Chang, R., 207
Charboneau, J. W., 176
Charpentier, B., 63
Chiaramonte, R. M., 344
Childs, S. J., Suppl (2) 22
Chou, R. H., 459
Cirulli, C., 429
Clausen, E., 51
Collins, J. P., 379
Connell, M. L., Suppl (6) 45
Constantinople, N. L., 255
Cook, J. L., Suppl (6) 33, 37
Corriere, J. N., Jr., 522
Cottel, W. I., 415
Cottone, R., 287, 459
Cox, E. F., 220
Cuevas, J. O., 412
Culkin, D. J., 86
Cullen, A., 14

D'Addessi, A., 10
Daughtry J. D., 231
Davies, R. W. L.,
See Lloyd-Davies, R. W.
Debruyne, F. M. J., 469, Suppl (3) 20, 26
de Jong, W. H., Suppl (3) 20
de Jonge, M. K., 450
Dejter, S. W., Jr., 125, 255
deKernion, J. N., 312
de la Pena, V. E., 46
Del Vecchio, M. T., 517
deSanti, M. M., 517
Deshon, G. E., 217
deVere White, R. W., 111
Donnal, J. F., 332
Douglas, L. L., 297
Drago J. R., 349, 429
Duggan, F. E., 140
Dulabon, D. A., 152
Duma, R. J., Suppl (6) 9, 37

Echenique J., 142
Edelman, R. A., 342
Ehrlich, R. M., 496
Eisenberg, J. M., Suppl (6) 45

Ekelund, L., 271
Eldar, S., 490
El Gharmool, B., 253
Elkouss, G. C., 147
Elson, L. M., 237
Erickson, B. A., 125
Erschig, M., 503
Esteban, J., 138
Evans, R. E., 7

Fein, R. L., 305
Ferro, M. A., 422
Flancbaum, L., 220
Fleisher, M., 220
Forsberg, L., 271
Franssen, M. P. H., Suppl (3) 20
Freed, S. Z., 17
Friedman, A. C., 530
Friedmann, M., 287, 459
Fries, D., 63

Gall, H., 300, 483
Gammelgaard, J., 51
Geboers, A. D. H., Suppl (3) 20
Geisinger, M. A., 34
Geraniotis, E., 429
Gerber, W. L., 46
Gibbons, R. P., 119
Gill, B., 318
Giustacchini, M., 10
Glassock, R. J., 103
Glick, H. A., Suppl (6) 45
Gluck, R., 41
Goris, R. J. A., 469
Gotoh, M., 294
Graham, S. D., Jr., 142
Grainger, R., 14
Grasso, G., 10
Greenstein, A., 453
Gregory, J. C., 391
Grossman, H. B., 214
Guinan, P., 275
Gutierrez, A., 138

Hafermann, M. D., 119
Hall, P., 34
Hammond, M. G., 234
Hanlon, J. T., 168
Hanna, M. K., 41
Hanno, P., 521
Hara, M., 155
Harte, P. J., 245
Hartman, G. W., 176
Haskins, J. M., 234

Hatch, D. A., 162
Hawksley V. C., 217
Heaney, J., 14
Heeg, M., 287, 459
Hem, E., 70
Heney, N. M., Suppl (3) 17
Heras, M. R., 412
Heyderman, E., 346
Hickey, D., 38
Higashihara, E., 155, 327
Houston, S. T., 171
Huisman, T. K., 515
Hutchison, A. G., 253

Icard, P., 63
Igel, T. C., 474
Iigaya, T., 419
Iio, M., 327
Ikari, O., 135

Jacobi, G. H., 240
Jacobs, D., 168
Janeiro, J., 267
Jardin, A., 63
Jarrar, K., 107
Jensen, J. T.,
See Trap-Jensen, J.
Johenning, P. W., 437
Johnson, D. E., 7, 132, 371
Jones, L. W., 171

Karachan, I., 368
Kato, K., 294
Kaver, I., 453
Kawabe, K., 155
Kedar, S. S., 490
Kelly, A., 521
Kelly, D., 14
Kenney, P. J., 55
Khan, Z., 279
Khanna, O. P., 287, 459
Kishi, H., 327
Kitamura, T., 155
Klein, F. A., 260
Koduru, P. P. K., 72
Koffer, H., Suppl (6) 45, 57
Kogan, S. J., 318
Kondo, A., 294
Konnak, J. W., 214
Korth, K., 503
Koyama, Y., 419
Koyle, M. A., 103, 496
Kraebber, D. M., 80
Kramolowsky, E. V., 324
Kuenkel, M., 503

Lange, P., 51

Laor, E., 17
LaRosa, J. L., 349
Leach, G. E., 388
Leake, Z. B.,
See Bridge-Leake, Z.
LeBaleur, A., 63
Lee, J. M., 499
Lee, Y. T., 499
Leight, G. S., 332
Leong, S. S., 163
Levitt, S. B., 318
Lev-Toaff, A., 530
Levy, J., 512
Lewi, H. J., 253
Lieber, M. M., 176
Lipson, S. B., 248
Lipton, I. H., 66
Lloyd-Davies, R. W., 346
Loss, L. E., Suppl (6) 45
Lowe, D. H., 82
Lund, J. O., 51
Luzi, P., 517
Lynch, J. H., 125
Lyon, E. S., 395

Macchia, R. J., Suppl (2) 3
Macintyre, R. C., 515
MacMillan, R. D. H., 66
Mahony, B. S., 332
Maki, A., 75
Maksem, J. A., 437
Malangoni, M. A., Suppl (6) 28, 37
Malloy, T. R., 26
Mandell, J., 234
Marshall, F. F., 207
Matsushima, M., 75
Mattei, F. M., 517
Matzkin, H., 453
Mazer, H., 287, 459
McCallum, H. M., 253
Melman, A., 116
Merrill, D. C., 78
Mieza, M., 116
Miracco, C., 517
Mobley, W. C., 46
Molina, R. P., 152
Moller, M. L., 51
Monstrey, S. J. M., 469
Montie, J. E., 403
Mooreville, M., 147
Morgan, A. S., 220
Morse, M. J., 72
Moussali, L., 412
Munakata, A., 155
Murie, J. A., 408
Murphy, G. P., 119, 312
Mydlo, J., 318

Nadig, P. W., 283
Namiki, Y., 294
Nathan, L. E., Jr., 237
Nation, E. F., 184
National Prostatic Cancer Project, 119, 312
Nelson, R. P., 391
Nesbitt, J. A., 429
Netto, N. R., Jr., 135
Newall, J., 202
Niijima, T., 155, 327
Nishikawa, J., 327
Nugent, D., 287, 459
Nyberg, L. M., 1

O'Brien, W. M., 524
Odom, D. G., 217
O'Donnell, P. J., 346
Ogawa, A., 424
Okada, Y., 327
Okaneya, T., 424
Olsson, A. M., 271
O'Riordan, B., 14
Ortiz, R., 198

Pahira, J. J., 524
Pak, K., 321
Pakula, D. C., 159
Palma, P. C. R., 135
Parsons, C. L., 82
Payne, S. R., 335
Pearce, A. E., 147
Pedersen, B., 116
Peeples, W. J., 211
Peters, P. C., 445
Petres, R. E., 60
Podell, R. M., 90
Priore, R., 312

Radecki, P. D., 530
Ragosin, R., 349
Rajfer, J., 103
Raney, A. M., 398
Ratliff, J. E., 260
Ray, P., 275
Read, J., 287, 459
Reda, E., 318
Redwine, F. O., 60
Rehling, M., 51
Reichert, C. M., 255
Reid, R. E., 17
Remark, R. R., 176
Reuter, V. E., 432
Rezvan, M., 287, 459
Rich, M., 129
Riehle, R., Jr., 225
Rife, C. C., 474
Risius, B., 34
Roberts, J. A., Suppl (6) 3, 39, 57
Rodan, B. A., 231
Roehrborn, C. G., 445
Rogus, B. J., 137
Rohr, A. S., Suppl (6) 14
Rose, B. S., 349
Rosemberg, S. K., 237, 375
Rosen, J., 147
Roth, R. A., 267
Roth, R. B., 152
Rothauge, C. F., 107
Rubenstein, M., 275
Rubin, N. E. T.,
See Tolkoff-Rubin, N. E.
Rubin, R. H., 359
Ruchlin, H. S., 225
Ruitenberg, J. J., Suppl (3) 20
Ryan, S. P., 245

Sabatini, M., 57
Sagalowsky A. I., 283
Saito, S., 419
Saitoh, M., 294
Sasso, F., 10
Saxon, A., Suppl (6) 14, 37
Scarzella, G. I., 486
Scharfe, T., 240
Schellhammer, P. F., 191
Scherb, W., 300, 483
Scherz, H. C., 82
Schmidt, J., 240
Schmidt, S. S., 223
Schoenberg, M., 521
Schulman, C. C., 114
Schuster, A., 147
Schwartz, M. L., 55
Schweizerhof, S. P., 17
Scott, H. W., Jr., Suppl (6) 6, 37
Segal, A. J., 478
Seidmon, E. J., 530
Servadio, C., 512
Sethia, K. K., 408
Seymore, C. H., 211
Shamsuddin, A. M., 284
Shapira, Z., 512
Shipley, W., Suppl (2) 18
Shmuely, D., 512
Shook, T. E., 1
Shusterman, N. H., Suppl (6) 45
Sieber, P. R., 140
Siegel, A., 521
Singh, A., 207
Siret, L. E., 309
Slade, M., 369
Smith, G. W., 403
Smith, J., 429
Smith, J. H. F., 422
Smith, P. J. B., 422
Snell, M. E., 335
Solomkin, J., Suppl (6) 57
Soloway, M. S., 38, 427, Suppl (3) 3, 5
Son, D. L., 287, 459
Spence, I. J., 255
Spital, A., 478
Starer, P., 279
Steerenberg, P. A., Suppl (3) 20
Steinbock, G. S., 160
Steinfeld, A., 202
Stief, C. G., 300, 483
Streem, S. B., 34
Strom, B. L., Suppl (6) 45
Swanson, D. A., 7, 371

Tajima, M., 75
Takanami, M., 75
Talbot, G. H., Suppl (6) 45
Talner, L. B., 368
Tanaka, J., 294
Tank, E. S., 162
Tenney, D., 132, 371
Thompson, I. M., 198
Thuroff, J. W., 240
Tjabbes, D., 450
Toaff, A. L.,
See Lev-Toaff, A.
Tokuda, H., 327
Tolia, B. M., 17
Tolkoff-Rubin, N. E., 359
Tomoyoshi, T., 321
Torrres, S. A., 80
Trap-Jensen, J., 51
Turk, C. O., 248
Tveter, K. J., 70
Twomey, P. A., 103

Uhlman, R., 287, 459
Uldall, R., 66

Valvo, J. R., 478
van der Meijden, A. P. M., Suppl (3) 20, 26
vander Werken, C., 469
van Leeuwen, M. J. W., Suppl (3) 20
van Nouhuys, J. M., 450
Vaughan, E. D., Jr., 225
Viek, N., 287, 459
Vogt, P. J., 163
von Eschenbach, A. C., 7, 132, 371

Wagner, R. F., Jr., 415
Wajiki, M., 424
Wakabayashi, Y., 321
Walker, L., 253
Waluch, V., 171
Ward, H. J., 103
Wedderburn, K., 297
Weidner, W., 107
Wein, A. J., 26, 521
Weinberg, A. C., 95
Weinberg, J. J., 526
Weinberger, G., 57
Weiss, R., 318
Wespes, E., 114
Westphal, K. W., 217
Wheeler, J. S., Jr., 86
White, F. K. H., 260
Whitmore, W. F., Jr., 432, Suppl (2) 5
Widran, J., 382
Wise, G. J., 22
Wishahi, M. M., 251
Wishnow, K. I., 7, 132, 371
Woodside, J. R., 159
Wosnitzer, M., 340

Yagoda, A., Suppl (2) 9
Yu, G. S. M., 163
Yussim, A., 512

Zelch, M. G., 34
Zincke, H., 309
Ziprkowski, M. N., 318

SUBJECT INDEX

Abnormalities/Anomalies
crossed kidney, ectopia vs displacement, 450
ectopic ureter with seminal vesicle cyst, 55
fetal ureteropelvic junction obstruction, 60
horseshoe kidney, Russell-Silver syndrome, 321
polyorchidism, testicular torsion, 137
virilization, female, marked androgenization, 234
AIDS, epidemiology, etiology, characteristics, Elisa screening test, Suppl. (6), 6
immunodeficiency, retrovirus, HIV, T-cells, Suppl. (6), 6
Kaposi sarcoma, penis/genitalia, diagnosis, 22
Ambiguous sex, Dr. James Barry, dubious sex: man or woman?, 184
Amyloidosis, lower urinary tract, bladder/urethra, 14
Androgenization, marked, clitoromegaly, labial fusion, absent introitus, pediatric, 234
Aneurysm, mycotic, secondary to infectious renal transplant, 63
Anomalies, *see* Abnormalities/Anomalies
Antibiotics
allergic reactions to beta-lactam drugs, Suppl. (6), 14
aminoglycoside nephrotoxicity, patient costs, Suppl. (6), 45
beta-lactams: penicillins, cephalosporins, carbapenems, monobactams, Suppl. (6), 14
Symposium: Aztreonam, Its Role in the Treatment of Nosocomial Infections, Proceedings, Suppl. (6), 3–57
Introduction, Suppl. (6), 3; Panel Discussions, Suppl. (6), 37, 57
AUA/Ronald Park Davis-Orange Journal Scholar, Peter N. Bretan, Jr., M.D., 457
Aztreonam, intra-abdominal infections, Suppl. (6), 28
nosocomial infections, monobactam, multi-drug resistant UTI, Suppl. (6), 39
pharmaconetics, specific effectiveness against antibiotic resistance, Suppl. (6), 9
role in gram-negative lower respiratory tract infections, Suppl. (6), 33
Symposium proceedings of November 14, 1987, Suppl. (6), 3–57
synergistic activity with aminoglycosides, Suppl. (6), 33

Bacillus Calmette Guérin (BCG), immunotherapy, second primary tumor growth, metastasis, bladder TCC, 459
vs Adriamycin (ADR), multicenter bladder cancer follow-up, 287
Balloon dilatation of urethral strictures/vesical contractures, 231
Bladder, blunt trauma, pelvic fracture, hematuria, mortality, 220
endometriosis, etiology, hormonal therapy, 1
herpes virus, acute urinary retention, neurologic complication, 453
injury, pediatric pelvic fracture, urethral stricture, 129
involuntary contraction during orgasm, urine leakage, urodynamic studies, 279
neurogenic detrusor areflxia, false positive bethanechol test, 86
obstruction due to fibrous mesothelioma, 142
postvoid residual urine (PVR), sonographic measurement vs catheterization, 445
primary amyloidosis, pseudotumor, 14
primary signet-ring cell adenocarcinoma, totipotent urethelium, linnitis plastica, 432
radical cystectomy, urinary diversion, bowel preparation, 7
vesical neck contracture, balloon dilatation, flexible uethroscopy, 231
Bladder cancer, *see* also bladder carcinoma
Bladder cancer, advanced, nosocomial UTI, common pathogens, antibiotic prophylaxis, Suppl. (6), 22
BCG immunotherapy, risk of second tumor growth, metastatic spread, 459
chemotherapy resistant, hematoporphyrin derivatives (HpD), laser light, Suppl. (2), 13
Bladder cancer,
cystectomy, preoperative radiation complications, 10
cystoprostatectomy, ileum-horn-pouch diversion, 107
diagnosis via bladder washings for cytologic study, Suppl. (3), 30
enterourethroplasty, continent ileum-horn-pouch diversion, 107
hematoporphyrin derivatives (HpD) photodynamic therapy, laser light, Suppl. (2), 13
metastatic signet ring cell, survival (Letter), 283
M-VAC neo-adjuvant combination chemotherapy vs cystectomy, grading, micrometastases, Suppl. (2), 9
overview: rational management, tumor grade, primary vs metastatic, chemotherapy, Suppl. (2), 5
radical cystectomy, regional lymphatic metastasis, survival, 214
transitional cell Stage T1, neo-adjuvant chemotherapy, 32 patients, 309
superficial, BCG vs ADR, recurrence rates, 139 patients, 287
intravesical therapy, BCG-RIVM vs mitomycin C, efficacy/toxicity, Suppl. (3), 20
mitomycin C, Suppl. (3), 5, 20, 26
vs muscle invasion, chemotherapy, Suppl. (3), 30
Symposium: Alternatives to Total Cystectomy, Suppl. (2), 3–22
Editorial, Suppl. (2), 3
Symposium: Urologic Considerations in Treating Superficial Bladder Cancer, Suppl. (3), 3–30
Introduction, Suppl. (3), 3
transitional cell, intravesical mitomycin C vs other drugs, Suppl. (3), 5,17
Stage T1, radical cystectomy, neo-adjuvant chemotherapy, M-VAC, 309
Bladder carcinoma, *see also* bladder cancer
Bladder carcinoma, combination therapy: IORT with MCV, selected cases, Suppl. (2), 18
intraoperative radiation therapy (IORT), electron-beam, brachytherapy, Suppl. (2), 18
primary signet-ring cell adenocarcinoma, radical cystectomy, adjunctive radiation, 432
TCC, intravesical BCG, risk of metastatic second primary tumor, 459
transitional cell, intravesical chemotherapy: thiotepa, mitomycin C, doxorubicin, Suppl. (3), 5,17
Bladder neck suspension, pubic bone fixation, urinary stress incontinence, female, 388
Bretan, Peter N, Jr., AUA/Ronald Park Davis-Orange Journal Scholar, 457

Calculus(i), percutaneous removal, flexible nephroscope, technique, 159
renal, cystine, recurrent, nephrolithotomy/chemolysis/ESWL, 207
ESWL vs PCN, patient costs, 225
ureteral, lidocaine jelly push-back to renal pelvis, ESWL, 395
retrograde displacement, technique, 160
upper/middle, percutaneous antegrade extraction vs ureteroscopy, 34
vas deferens, multiple ureteric, urethrovasal reflux, 251
Castration via megestrol acetate/minidose estrogens in prostate cancer, 371
Catheter, cystostomy, soft radiopaque loop, 522
Edelman modification, dislodgement prevention, 342
suprapubic tube (14F balloon-style Simplastic), cystostomy, 524
ureteral, guide wire, false passage, ureteroscopy, technique, 80
Cefoperazone prophylaxis in cadaveric renal transplant, 103
Cholesteatoma, renal, differential diagnosis, 152
Ciprofloxacin in resistant UTI, prostate infections, antimicrobial activity, 359
Colposcope, herpes lesions, subclinical papillomavirus, condyloma accuminatum, 340

Computed tomography demonstrating pyelosinus extravasation and urinomas, 3 cases, 349
Cranial nerve palsy, metastasis from prostate cancer, 211
Cylinder breakdown of penile prostheses, 305, 486, 510, 515
Cystectomy, bladder reconstruction, ileocecal segment, preoperative irradiation complications, 10
radical, bladder cancer, pelvis metastases, 214
bowel preparation, ileal conduit diversion, outpatient polyethylene glycol-electrolyte, 7
Cystine calculi, recurrent, nephrolithotomy/ESWL/chemolysis, 207
Cystometry, bethanechol supersensitivity test, detrusor areflexia, 86
Cystoscopy, flexible, pediatric urethral stricture repair, 129
flexible, retrograde catheterization of transplanted kidney, 324
Cystostomy, soft radiopaque vs stiff polyethylene catheter, 522

DNA patterns of prostatic tissue at TURP, prostate cancer/BPH, 260

Edelman catheter, dislodgement prevention, 342
Electroanalgesis, TENS vs FasTENS, postoperative urologic pain, 78
Endometriosis, urinary tract, ureter, bladder, etiology, 1
Erectile dysfunction, intracavernosal autoinjection, side effects, 483
Estrogen therapy, male, bilateral synchronous primary germ cell tumor, 70
ESWL, retrograde ureteral stone, guide wire displacement, 160
vs percutaneous nephrostolithotomy, patient cost, 225
Extramustine phosphate (EMCYT) vs flutamide, response in hormone refractory prostate cancer, 312

FasTENS, disposable electroanalgesia for postoperative urologic pain, 78
Fibroepithelial polyp, pediatric, ureteral, rare, 318
Fistula, spontaneous renocolic, rare, nephrectomy, 147
tuberculous rectourethral, omental repair, 424
urethrovasocutaneous, etiology: vasectomy, UTI, TURP, neurogenic bladder, 338

Genital papillomavirus, male sexual partner, management, 375
Genitourinary tuberculosis, short-course chemotherapy update, pediatric/adult, 95
Germ cell tumors, bilateral synchronous primary, estrogen therapy, male, 70
chemotherapy vs surgery, prognosis, 403
testicles, Klinefelter syndrome, 72
Gleason grade, prostate carcinoma, aspiration biopsy/tissue cytology, 437
Gonococcal infections, penile prosthesis, perioperative prophylaxis, 391

Herpes virus, acute urinary retention, neurologic complication, 453
Histoplasmosis, pyelocutaneous fistula, chronic renal disease, diagnosis, 499
urogenital involvement, diagnostic urine cultures, recurrent infections, 490
History
James Barry, M.D., hermaphrodite(?), Klinefelter syndrome, 184
Horseshoe kidney, Russell-Silver syndrome, undescended testis, 321
Hydronephrosis, fetal, ureteropelvic obstruction, neonatal pyeloplasty, 41, 496
Hyperdense renal cystic mass vs renal adenocarcinoma, CT/histologic diagnosis, 57
Hyperparathyroidism, medullary sponge kidney, hypercalciuria, 155
Hypertension, renal artery, traumatic subintimal dissection, 335

Ileal valve urinary diversion, continent maintenance, 429
Ileum-pouch-neobladder, post cystoprostatectomy continent urinary diversion, 107
Impotence, anesthesia penile tumescence test, psychogenic vs organic, 297
erectile dysfunction, papaverine-phentolamine autoinjection, 483
venous leakage, dissection/ligation of ectopic vein, 300
erectile, Rigiscan/papaverine diagnosis, 526
inflatable penile prosthesis cylinder problems, 305, 486
interdisciplinary challenges in sexual therapy, 90
intracavernous papaverine, venous leakage complications, 114
NPT, diagnostic problems (Letter), 368
penile arterial insufficiency, pharmaco-angiographic blood-flow tests, 271
post-traumatic erectile, penile prosthesis cylinder failure, 510
semantics, precise lexicon (Letter), 283
vascular abnormalities complicating intracavernous papaverine therapy, 114
Incontinence, female, child, bilateral single ectopic ureter, 138
female, detrusor contractility after surgery, 354
myelodysplasia, labioplasty, 294
stress, periurethral Teflon injection, granuloma, 422
Scott urinary sphincter, urethral pressure profilometry, 82
urinary stress, bone fixation, transvaginal needle suspension, 388
Infertility, chemicals exposure(?), semen analysis, 226 farmers, data review, 46
Injury(ies), bladder, pelvic fractures, hematuria, mortality, 220
testicular torsion, polyorchidism, 137
Instruments, CCF resectoscope, video TURP, 382
colposcope, 340
flexible vs rigid cystoscopes, renal transplant patients, 324
Sturgeon vas cautery, 223
Intravesical chemotherapy effectiveness, review of thiotepa, mitomycin C, doxorubicin, BCG in bladder tumors, Suppl. (3), 5, 17

Kaposi sarcoma, AIDS related, genitalia, 22
Kelly scrotal bridge, pelvic surgery, 521
Ketoconazole therapy, Stage D2 metastatic prostate carcinoma, hepatotoxicity, 132
Kidney, calculi, ESWL vs PCN, cost effectiveness, 225
crossed, ectopia vs displacement across midline, radiographic diagnosis, 450
primary carcinoid tumor, electron microscope studies, 517
solitary, renal artery occlusion, autorenal bypass, risks, 66
Klinefelter syndrome, risk of testicular germ cell tumor, 72

Labioplasty, intermittent catheterization, myelodysplasia, 294
Laser, Bioquantum microsurgical carbon dioxide, vasovasostomy, 237
Leiomyoma, genitourinary, testicular tunica albuginea, 344
stromal hyperplasia, questionable prostate malignancy, 163
Leydig cell tumors, estrogens, male, 70
Lidocaine jelly push-back of ureteral stones to renal pelvis, ESWL, 395
Lipogranuloma, primary sclerosing, male genitalia, rare, 75
Liposarcoma, spermatic cord, wide local excision, radical orchiectomy, 168
Lyophilized human dura patch grafting, Peyronie disease, 379

Medullary sponge kidney, hypercalciuria, hyperparathyroidism, 155
Mesothelioma, pelvic fibrous, bladder obstruction, 142
Mitomycin C, intravesical instillation, superficial bladder cancer, Suppl. (3), 26
Mohs micrographic surgery, Paget disease, male genitalia, acid-Schiff stain tumor, 415
MRI, (magnetic resonance image) preoperative diagnosis of renal oncocytoma, CT/ultrasound, 176
sonography, CT in comparable diagnostic screening of prostate cancer, 530
Myelodysplasia, labial hypertrophy, labioplasty, 294

Nd:YAG laser therapy, penis squamous cell carcinoma, 26
Nephrolithiasis, ESWL vs percutaneous nephrostolithotomy, costs, 225
Nephrolithotomy, percutaneous, recurrent cystine calculi, chemical analysis, 207
Nephroscope, flexible, percutaneous stone removal, 159
Nondilated obstructive uropathy, clinical features, diagnosis, 478
Nosocomial infections, common pathogens, antibiotic-resistant E. coli, Suppl. (6), 3
NPCP, radiotherapy, multi-institutional treatment guidelines, prostate cancer, 119
NPT, sleep disorders, diagnostic problems (Letter), 368

Oncocytoma, renal metastatic?, diagnosis, 283, 284
Optical dilator use in male urethral endoscopy, 427
Orchiectomy, testes seminoma, Stages I and II, adjuvant therapy, 202
  testicular torsion, acute scrotal pain, 408
Orchitis, calcific granulomatous, frozen section diagnosis, 346

Page kidney phenomenon, renal allograft, post peritransplant lymphocele, 512
Paget disease, extramammary, Mohs micrographic surgery, 415
Papillomavirus, genital recurrence, koilocytosis vaporization/fluorourocil, periodic follow-up, 375
Pelvocalyceal pacemaker fluctuation, kidney autotransplants, 398
Penile prosthesis, AMS 700 inflatable, cylinder problems: tears, bending, aneurysms, 305
  gonococcal infections, perioperative prophylaxis, 391
  hematoma prevention, 162
  inflatable, AMS new 700CX cylinder, 486
    cylinder survival rates of 3 models compared, 486
    OmniPhase cable fracture, 515
  silver silicone, instability/rotation problems, 116
Penis
  anesthesia penile tumescence test, psychogenic vs organic impotence, 297
  angiography assessment of pharmacologic erection, 271
  carcinoma, Nd:YAG laser therapy, 26
  erectile dysfunction, venous leakage due to ectopic vein, 300
  impotence, artificial erection, 162
  inflatable prosthesis cylinder problems, GFS with Resipump, 305
  Jonas silver silicone prosthesis, instability/rotation problems, 116
  Kaposi sarcoma, AIDS, diagnosis, epidemiology, 22
  subcoronal meatus granular groove, pediatric surgical repair, 135
Peritonitis, aztreonam, intra-abdominal infections, Suppl. (6), 28
Peyronie disease, Nesbit procedure vs lyophilized dura patch grafting, 379
Polyhydramnios reversal after fetal renal decompression, 60
Polyp, fibroepithelial, benign vs malignant, pediatric, rare, 318
Prostate
  adenocarcinoma, endometrial/papillary/ductal/acinotubular, 217
    seeding to perineum via biopsy after radiation, 2 cases, 198
  benign hypertrophy, peivic fibrous mesothelioma, 142
  PAP, circadian/diurnal rhythmic variations, prostate carcinoma, 125
  stromal hyperplasia, atypical leiomyoma, 163
  transrectal biopsy, transanal hemorrhage (Letter), 369
  ultrasound follow-up longitudinal transrectal positions, 275
Prostate cancer, *see* also prostate carcinoma
Prostate cancer, disease progression by stage and TUR history, 30
  DNA patterns of prostatic tissue at TURP, histology/flow cytometry, 260
  fine-needle aspiration biopsy, cytologic diagnosis, 255
  high rate of estrogen therapy feminizing effect, 371
  metastatic, hormone refractory, EMCYT and flutamide, NPCP trial, 220 patients, 312
    NPCP protocol, chemotherapy/androgen deprivation/palliation, survival, 38
Prostate cancer,
    Stage D2, NPCP protocol, 38
    to skull, cranial nerve palsy, radiation, 211
  NPCP, quality control analysis in prostate oncology, 119
  PAP, secretion patterns, circadian/diurnal rhythmic variations, 125
  prostatectomy, vesicourethral reconstruction, modified Vest vs direct anastomosis, 474
  radical prostatectomy, adjunctive therapy, failure vs survival, 191
  radiotherapy, multi-institutional guidelines (NPCP), 119
  refractive metastatic, ketoconazole, 132
  MRI detection of stage, grade, extent, 171
  transperineal biopsy seeding of adenocarcinoma, 198
Prostate carcinoma, *see* also prostate cancer
Prostate carcinoma
  diagnosis by aspiration biopsy and tissue histology, correlation, 437
  endometrioid, acinar adenocarcinoma, surgery/radiation, histology, 217
  fine-needle aspiration vs core biopsy, comparison, 255
  Gleason grading, aspiration biopsy cytology, 437
  metastatic cranial nerve palsy, radiation, 211
  MRI, differentiation, carcinoma vs benign hyperplasia, 171
    transrectal endosonography/CT diagnosis, 530
  prostatectomy, urethral suture guide, technique, 267
  untreated metastatic, castration via megestrol acetate/minidose estrogen, 371
Prostate disease, longitudinal transrectal prostatic ultrasound, prostate size, 275
Prostatectomy, radical retropubic, vesicourethral reconstruction, 474
  radical, local failure, patient selection/survival, 67 patients, 191
Prostatic tuberculosis causing rectourethral fistula, 424
Pyeloplasty, percutaneous, ureteropelvic junction stricture, 503

Renal adenocarcinoma vs benign hyperdense mass, CT diagnostic criteria, 57
Renal allograft failure, Page kidney, 512
Renal artery occlusion, solitary kidney, aortic/renal artery bypass, risks, 66
Renal autotransplant, ureteral peristalsis, denervation, 398
Renal carcinoid primary tumor, rare, 517
Renal cell carcinoma, chemosensitivity testing, in vitro cell culture, chemotherapy, 240
Renal cholesteatoma, differential diagnosis, CAT, 152
Renal colic, ureteral obstruction (Letter), 368
Renal cyst, fetal decompression reversed polyhydramnios, 60
Renal function, ^{99m}Tc-DMSA uptake in long-term catheterized kidneys, 14 patients, 327
Renal function disparity, ^{131}I-Hippuran vs ^{99m}Tc-DTPA renography, 51
Renal mass vs post-splenctomy regenerated tissue, radionuclide imaging, 248
Renal oncocytoma, metastases, documentation (Letter), 283
  MRI in preoperative diagnosis, 176
Renal transplant, cadaveric, infection, cefoperazone prophylaxis, 103
  flexible cystoscopy vs rigid instruments, retrograde catheterization, 324
  risk of mycotic aneurysm, Berger disease, 63
Renal trauma, assesment, diagnosis, digital subtraction angiography, 469
Renocolic fistula, calculous pyonephrosis, diagnosis, nephrectomy, 147
Retroperitoneal Schwannoma, benign, rare, CT/ultrasound, 332
Rigiscan/papaverine diagnosis, erectile impotence, 526
Russell-Silver syndrome, horseshoe kidney, child, 321

Sarcoidoses, testicular, alpha-fetoprotein levels, 140
Schwannoma, benign retroperitoneal, rare, CT/ultrasound, 332
Scrotal/pelvic surgery, Kelly scrotal bridge, 521

Scrotum/inguinal primary lipogranuloma, histopathologic diagnosis, 75
Semen analyses, chemicals exposure, 226 farmers, possible infertility, 46
Seminoma, primary retroperitoneal, occult, 253
Sexuality, human, challenges in therapy, point of view, 90
Sexually transmitted diseases, colposcope, diagnosis, 340
  papillomavirus, male, anatomic location, periodic recurrence, 375
Spermatic cord, low-grade malignancy, orchiectomy, 168
  tension, scrotal exploration, "necessary" surgery, 408
Splenosis aping renal mass, differential diagnosis, 248
Stenosis, ureteropelvic junction, congenital vs acquired, pyeloplasty, 503
Sturgeon vas cautery, reusable rechargeable, inexpensive, 600 vasectomies, 223

Technetium-99m Dimercaptosuccinic acid (^{99m}Tc-DMSA) uptake in long-term catheterized kidneys, split renal function, 327
Teflon paste injection, granuloma formation, stress incontinence, 422
TENS vs disposable FasTENS, in postoperative urologic pain, 78
Testis(es)
  benign vs malignant intrascrotal masses, diagnosis, 111
  germ cell tumors, chemotherapeutic regimens, 403
    Klinefelter syndrome, hypogonadism, 72
  granulomatous orchitis vs malignant tumor, diagnosis, 346
  leiomyoma, tunica albuginea, GU smooth muscle, 344
  occult primary seminoma, 18-year retrogression of primary tumor, 253
  orchitis, granuloma calcification, rare, 346
  polyorchidism, traumatic testicular torsion, 137
  sarcoidoses, testicular tumor, hilar adenopathy, alpha-fetoprotein levels, 140
  scrotal exploration, testicular torsion, orchiectomies, 408
  seminoma, Stages I and II, treatment requirements, 202
  tuberculous epididymo-orchitis, chemotherapy vs surgery, 419
  undescended, Russell-Silver syndrome, horseshoe kidney, 321
THR (thyrotropin releasing hormone), detrusor pressure, urinary urgency, parasympathetic nerve pathways, 180
Trauma, *see* also injuries
Trauma, kidney, assessment guidelines, cost-effective, noninvasive diagnostic tools, 469
  renal artery dissection, hypertension, 335
  transected membranous urethra, female child, delayed retropubic urethroplasty, 499
Tuberculosis, genitourinary, infection vs tumor, chemotherapy vs surgery, 419
  genitourinary, short-course chemotherapy update, review, 95
  rectourethral fistula, omental interposition repair, 424
TUR and tumor stage factors in prostate cancer progression, 30
TURP, video CCF resectoscope vs conventional surgery, 382

Urachal remnants, 3 unusual cases, diagnosis, review, 17
Ureter, acute unilateral obstruction, glomerulo-filtration significance, 51
  bilateral single ectopia, child, 138
  ectopic with seminal vesicle cyst, CT diagnosis, 55
  pediatric ectopic ureterocele, management complications, 412
Ureteral calculi, middle/upper, percutaneous vs transurethral endourologic removal, 34
Ureteral fibroepithelial polyp, renal preservation, 318
Ureteral peristalsis, renal autotransplant, denervation, 398
Uretrocele, ectopic, 32 children, 412
Ureteropelvic junction obstruction, antenatal ultrasound diagnosis, early neonatal pyeloplasty, 41
  neonate, pyeloplasty, 17 infants, 496
Ureteropelvic junction stricture, percutaneous pyeloplasty, 503
Ureteroscope, guide wire, ureteral false passage, 80
Urethra, amyloidosis, primary, pseudotumor, 14
  optical dilator use in male endoscopy, 427
  repair of subcoronal meatus granular groove, technique, MAGPI, complications, 135
Urethral incontinence, labial hypertrophy, labioplasty, intermittent catheterization, 294
Urethral pressure profilometry, Scott sphincter in urinary incontinence, 82
Urethral stricture, balloon dilatation, flexible endoscope, 231
  pediatric, flexible cystoscopy repair, 129
Urethral suture guide, radical prostatectomy, localized carcinoma, 267
Urethroplasty, delayed retropubic, transected membranous urethra, female child, 499
Urethrotomy, penile prosthesis cylinder laceration, 510
Urethrovasocutaneous fistula, etiology, vasectomy, TURP, UTI, neurogenic bladder, 338
Urethrovesical anastomosis, suture guide, technique, 267
Urinary diversion, bowel preparation, polyethylene glycol-electrolyte, 7
  continent ileum-pouch-neobladder without stoma, 107
  ileal valve continent maintenance, 429
  suprapubic tube cystostomy, percutaneous, 524
Urinary extravasation during renal colic (Letter), 368
Urinary incontinence during female orgasm, multifactorial bladder/sphincter causes, 279
Urinary retention, acute, caused by neurologic complication of herpes virus, 453
Urinary tract, endometriosis, etiology, 1
  infection, aztreonam, gram-negative bacteria, dosage, Suppl. (6), 9
    ciprofloxacin, quinolones, resistant uropathogens, 359
  obstruction, abdominal malignancy, pyelosinus extravasation, urinoma, CT, 349
    anuria/oliguria, nondilated obstructive uropathy, 478
    glomerular filtration vs renal blood flow measurements, 51
Urinary urgency, thyrotropin-releasing hormone (TRH), urethrocystometry, 180
Urinoma, pyelosinus extravasation, abdominal malignancy, CT diagnosis, 349
Urolithiasis, recurrent cystine, percutaneous nephrolithotomy, 207

Vas deferens, calculi, segment excision, urethrovasal reflux, 251
  reanastomosis, Bioquantum CO_2 Laser, dogs, 237
  vasitis, suppuration, inguinal mass, rare, 245
Vasectomy, Sturgeon vas cautery, 600 cases, 223
Vasitis, suppurative nonbacterial, inguinal mass, rare, 245
Vasovasostomy, microsurgery via Bioquantum 7000 CO_2 Laser, 237
Vesicourethral reconstruction, modified Vest vs direct anastomosis, 474
Video TURP, CCF resectoscope, surgical field visualization, 382
Virilization, female genitalia, pediatric, surgical correction, 234
Voiding difficulties after incontinence surgery, detrusor contractility, 354

UROLOGY

JUNE 1988 / VOLUME XXXI, NUMBER 6

EDITOR

Pablo Morales, M.D.
New York, New York

MANAGING EDITOR

Mary T. Politano
Secaucus, New Jersey

CONSULTING EDITORS

Richard D. Amelar, M.D., New York, New York; Saul Boyarsky, M.D., St. Louis, Missouri; C. Eugene Carlton, M.D., Houston, Texas; Abraham T. K. Cockett, M.D., Rochester, New York; Elwin Fraley, M.D., Minneapolis, Minnesota; Jay Y. Gillenwater, M.D., Charlottesville, Virginia; Lowell R. King, M.D., Durham, North Carolina; Edwin M. Meares, Jr., M.D., Boston, Massachusetts; Gerald Murphy, M.D., Buffalo, New York; Emil A. Tanagho, M.D., San Francisco, California; Myron Tannenbaum, M.D., New York, New York; Jerry Waisman, M.D., New York, New York; Norman R. Zinner, M.D., Los Angeles, California

ASSOCIATE EDITORS

Joseph C. Addonizio, M.D., Valhalla, New York; Michael J. Droller, M.D., New York, New York; Selwyn Z. Freed, M.D., Bronx, New York; Eli A. Friedman, M.D., Brooklyn, New York; Harry Grabstald, M.D., New York, New York; Russell Lavengood, Jr., M.D., New York, New York; Richard J. Macchia, M.D., Brooklyn, New York; Carl A. Olsson, M.D., New York, New York; Joseph J. Seebode, M.D., Newark, New Jersey; Arthur D. Smith, M.D., New Hyde Park, New York; E. Darracott Vaughan, Jr., M.D., New York, New York.

FEATURE EDITORS

Salah Al-Askari, M.D., Mircea Golimbu, M.D., Moneer K. Hanna, M.D., John R. Herman, M.D., Martin Spatz, M.D., Arthur Tessler, M.D., Adrian W. Zorgniotti, M.D., New York, New York

Volume XXXI, January to June, 1988
Copyright 1988

Hospital Publications, Incorporated, 500 Plaza Drive, Secaucus, New Jersey 07094
Printed in U.S.A.

Contents of Volume XXXI

JANUARY 1988

Review Article

ENDOMETRIOSIS OF THE URINARY TRACT Shook and Nyberg 1

Scientific Articles

EFFECTIVE OUTPATIENT USE OF POLYETHYLENE GLYCOL-ELECTROLYTE BOWEL PREPARATION FOR RADICAL CYSTECTOMY AND ILEAL CONDUIT URINARY DIVERSION
Wishnow, Johnson, Babaian, Swanson, Evans, von Eschenbach 7

BLADDER RECONSTRUCTION AFTER CYSTECTOMY: USE OF ILEOCECAL SEGMENT AND THREE-LOOP ILEAL RESERVOIR Alcini, D'Addessi, Giustacchini, Sasso, Grasso, Castiglioni 10

PRIMARY AMYLOIDOSIS OF LOWER URINARY TRACT Grainger, O'Riordan, Cullen, Kelly, Heaney 14

URACHAL REMNANTS IN ADULTS Berman, Tolia, Laor, Reid, Schweizerhof, Freed 17

KAPOSI SARCOMA OF PENIS AND GENITALIA: A DISEASE OF OUR TIMES Bayne and Wise 22

CARCINOMA OF PENIS TREATED WITH NEODYMIUM YAG LASER Malloy, Wein, Carpiniello 26

DISSEMINATION OF DISEASE FOLLOWING TRANSURETHRAL RESECTION FOR LOCALLY ADVANCED PROSTATE CANCER Babaian and Archer 30

Endourology

ENDOUROLOGIC MANAGEMENT OF UPPER AND MID URETERAL CALCULI: PERCUTANEOUS ANTEGRADE EXTRACTION VS TRANSURETHRAL URETEROSCOPY Streem, Hall, Zelch, Risius, Geisinger 34

Urochemotherapy

FAILURE OF CHEMOTHERAPY TO PROLONG LIFE IN PATIENTS WITH METASTATIC PROSTATE CANCER WHO HAVE FAILED ANDROGEN DEPRIVATION Hickey, Cant, Soloway 38

Pediatric Urology

URETEROPELVIC JUNCTION OBSTRUCTION DURING THE FIRST YEAR OF LIFE Hanna and Gluck 41

Sterility-Fertility
INFERTILITY, CHEMICAL EXPOSURE, AND FARMING IN IOWA: ABSENCE OF AN ASSOCIATION
Gerber, de la Pena, Mobley 46

Investigative Urology
ACUTE UNILATERAL OBSTRUCTION OF URETER: DISPARITY IN DIVIDED RENAL FUNCTION CALCULATED FROM ^{131}I-HIPPURAN AND ^{99m}TC-DTPA RENOGRAPHY
Rehling, Lund, Møller, Lange, Gammelgaard, Clausen, Trap-Jensen 51

Uroradiology
COMPUTED TOMOGRAPHIC DIAGNOSIS OF ECTOPIC URETER WITH SEMINAL VESICLE CYST
Schwartz, Kenney, Bueschen 55
RENAL ADENOCARCINOMA IN BENIGN HYPERDENSE MASS Baum, Weinberger, Sabatini 57

Case Reports
REVERSAL OF ACUTE POLYHYDRAMNIOS AFTER FETAL RENAL DECOMPRESSION Broecker, Redwine, Petres 60
MYCOTIC ANEURYSM AND RENAL TRANSPLANTATION Benoit, Icard, LeBaleur, Charpentier, Jardin, Fries 63
SIMULTANEOUS AORTIC AND RENAL ARTERY RECONSTRUCTION FOR ACUTE ARTERIAL OCCLUSION IN SOLITARY KIDNEY MacMillan, Uldall, Lipton 66
SYNCHRONOUS BILATERAL PRIMARY GERM CELL TUMORS IN PATIENT RECEIVING ESTROGEN THERAPY
Hem, Attramadal, Tveter 70

Uropathology
TESTICULAR GERM CELL TUMOR IN PATIENT WITH KLINEFELTER SYNDROME
Carroll, Morse, Koduru, Chaganti 72
PRIMARY LIPOGRANULOMA OF MALE GENITALIA Matsushima, Tajima, Maki, Takanami, Ando, Atobe 75

Surgeon's Workshop
FASTENS—A DISPOSABLE TRANSCUTANEOUS ELECTRICAL NERVE STIMULATOR DESIGNED SPECIFICALLY FOR USE IN POSTOPERATIVE PATIENTS Merrill 78
USE OF URETEROSCOPE TO AVOID DISTAL URETERAL FALSE PASSAGES Kraebber and Torres 80

Urodynamics
URETHRAL PRESSURE PROFILOMETRY IN SCOTT ARTIFICIAL URINARY SPHINCTER Lowe, Scherz, Parsons 82
POSITIVE BETHANECHOL SUPERSENSITIVITY TEST IN NEUROLOGICALLY NORMAL PATIENTS
Wheeler, Culkin, Canning 86

Point of View
SEXUAL SCIENCE—BRIDGING THE DISCIPLINES Podell 90

FEBRUARY 1988

Review Article
SHORT-COURSE CHEMOTHERAPY AND ROLE OF SURGERY IN ADULT AND PEDIATRIC GENITOURINARY TUBERCULOSIS Weinberg and Boyd 95

Scientific Articles
DECLINING INCIDENCE OF WOUND INFECTION IN CADAVERIC RENAL TRANSPLANT RECIPIENT
Koyle, Ward, Twomey, Glassock, Rajfer 103
ILEUM-POUCH-NEOBLADDER WITHOUT STOMA FOR URINARY DIVERSION AFTER CYSTOPROSTATECTOMY
Weidner, Jarrar, Rothauge 107
MISLEADING TESTICULAR MASSES Baker, Bishai, deVere White 111
SYSTEMIC COMPLICATION OF INTRACAVERNOUS PAPAVERINE INJECTION IN PATIENTS WITH VENOUS LEAKAGE
Wespes and Schulman 114
INSTABILITY AND ROTATION OF SILVER SILICONE PENILE PROSTHESIS Pedersen, Mieza, Melman 116
QUALITY CONTROL OF RADIATION THERAPY IN MULTI-INSTITUTIONAL RANDOMIZED CLINICAL TRIAL FOR LOCALIZED PROSTATE CANCER
Hafermann, Gibbons, Murphy, Investigators of National Prostatic Cancer Project 119
CHARACTERIZATION OF SECRETION PATTERN OF HUMAN PROSTATIC ACID PHOSPHATASE: A REASSESSMENT
Dejter, Erickson, Lynch 125

Endourology
FLEXIBLE CYSTOSCOPY IN SURGICAL REPAIR OF TRAUMATIC URETHRAL STRICTURES IN CHILDREN
Rich and Brock 129

Urochemotherapy
KETOCONAZOLE THERAPY FOR HORMONALLY REFRACTIVE METASATIC PROSTATE CANCER
Johnson, Babaian, von Eschenbach, Wishnow, Tenney 132

Pediatric Urology
APPROACH FOR TREATMENT OF SUBCORONAL MEATUS WITH EXCESSIVELY DEEP GLANULAR GROOVE
Palma, Ikari, Netto 135
POLYORCHIDISM AND TESTICULAR TORSION Rogus 137
BILATERAL SINGLE ECTOPIC URETER Esteban and Gutierrez 138

Case Reports
SARCOIDOSIS AND TESTICULAR TUMORS Sieber and Duggan 140
PELVIC FIBROUS MESOTHELIOMA WITH OBSTRUCTIVE SYMPTOMS Echenique and Graham 142
SPONTANEOUS RENOCOLIC FISTULA SECONDARY TO CALCULOUS PYONEPHROSIS
Mooreville, Elkouss, Schuster, Pearce, Rosen 147
RENAL CHOLESTEATOMA Molina, Dulabon, Roth 152
MEDULLARY SPONGE KIDNEY AND HYPERPARATHYROIDISM
Higashihara, Munakata, Hara, Kitamura, Kawabe, Niijima 155

Surgeon's Workshop
TECHNIQUE FOR IMPROVING VISION DURING FLEXIBLE NEPHROSCOPY Woodside and Pakula 159
TECHNIQUE FOR RETROGRADE URETERAL STONE DISPLACEMENT Steinbock and Bezirdjian 160
PREVENTION OF HEMATOMA DURING ARTIFICIAL ERECTION Hatch and Tank 162

Uropathology
ATYPICAL STROMAL SMOOTH MUSCLE HYPERPLASIA OF PROSTATE Leong, Vogt, Yu 163
LIPOSARCOMA OF SPERMATIC CORD Certo, Avetta, Hanlon, Jacobs 168

Uroradiology
NUCLEAR MAGNETIC RESONANCE IMAGING IN DETECTING AND STAGING PROSTATE CANCER
Houston, Jones, Waluch 171
MAGNETIC RESONANCE IMAGING OF RENAL ONCOCYTOMA
Remark, Berquist, Lieber, Charboneau, Hartman 176

Urodynamics
URINARY URGENCY FOLLOWING ADMINISTRATION OF THYROTROPIN RELEASING HORMONE
DURING SIMULTANEOUS URETHROCYSTOMETRY Bhatia and Bergman 180

History
JAMES BARRY, M.D., INSPECTOR GENERAL OF HOSPITALS: MAN OR WOMAN? Nation 184

SUPPLEMENT (ALTERNATIVES TO TOTAL CYSTECTOMY) TO FEBRUARY 1988

EDITORIAL COMMENT Macchia 3
TOWARD THE RATIONAL MANAGEMENT OF BLADDER CANCER: AN OVERVIEW Whitmore 5
NEOADJUVANT CHEMOTHERAPY IN BLADDER CANCER Yagoda 9
TREATMENT OF BLADDER CANCER WITH HEMATOPORPHYRIN DERIVATIVES AND LASER LIGHT Benson 13
INTRAOPERATIVE ELECTRON-BEAM THERAPY AND OTHER BLADDER-SPARING APPROACHES TO
BLADDER CARCINOMA Shipley 18
INFECTION IN PATIENTS WITH ADVANCED BLADDER CANCER Childs 22

MARCH 1988

Scientific Articles
RADICAL PROSTATECTOMY: PATTERNS OF LOCAL FAILURE AND SURVIVAL IN 67 PATIENTS Schellhammer 191
PERINEAL RECURRENCE OF ADENOCARCINOMA OF PROSTATE FOLLOWING RADIATION THERAPY
Thompson, Baikadi, Berchmans, Berkland, Ortiz 198
CONTROVERSIES IN MANAGEMENT OF STAGES I AND II TESTICULAR SEMINOMAS Steinfeld and Newall 202
CYSTINE CALCULI: CLINICAL MANAGEMENT AND IN VITRO OBSERVATIONS Singh, Marshall, Chang 207
CRANIAL NERVE INVOLVEMENT WITH CARCINOMA OF PROSTATE Seymore and Peeples 211
IS RADICAL CYSTECTOMY INDICATED IN PATIENTS WITH REGIONAL LYMPHATIC METASTASES?
Grossman and Konnak 214
ENDOMETRIOID CARCINOMA OF PROSTATE Odom, Westphal, Hawksley, Deshon 217
BLUNT BLADDER TRAUMA: MANIFESTATION OF SEVERE INJURY Flancbaum, Morgan, Fleisher, Cox 220

Sterility—Fertility
THE STURGEON VAS CAUTERY: THE FIRST 600 CASES Schmidt 223

Endourology
COST-EFFECTIVENESS OF EXTRACORPOREAL SHOCK-WAVE LITHOTRIPSY
Aronne, Braham, Riehle, Vaughan, Ruchlin 225
BALLOON DILATATION OF URETHRAL STRICTURES Daughtry, Rodan, Bean 231

Pediatric Urology
SURGICAL CORRECTION OF EXTERNAL GENITALIA AND LOWER GENITOURINARY TRACT OF
MARKEDLY VIRILIZED CHILD Mandell, Haskins, Hammond 234

Investigative Urology
LASER VASOVASOSTOMY: A COMPARATIVE RETROSPECTIVE STUDY, USING BIOQUANTUM MICROSURGICAL
CARBON DIOXIDE LASER Rosemberg, Elson, Nathan 237
IN VITRO CHEMOSENSITIVITY TESTING OF RENAL CELL CANCER: SHORT-TERM CULTURE TECHNIQUE
Bazeed, Schärfe, Becht, Schmidt, Jacobi, Thüroff 240

Case Reports
Suppurative Inflammation of Vas Deferens: An Unusual Groin Mass Ryan and Harte 245
Splenosis Mimicking a Renal Mass Turk, Lipson, Brandt 248
Vas Deferens Stones Wishahi 251
Occult Primary Seminoma: Eighteen-Year Delay in Presentation
Lewi, Walker, El Gharmool, McCallum, Hutchison 253

Uropathology
Cytologic Diagnosis of Prostatic Carcinoma by Fine-Needle Aspiration Biopsy: Community Hospital Experience Dejter, Constantinople, Bresette, Spence, Reichert 255
DNA Distribution Patterns of Prostatic Tissue Obtained at Time of Transurethral Resection
Klein, Ratliff, White 260

Surgeon's Workshop
Urethral Suture Guide for Radical Prostatectomy Roth and Janeiro 267

Uroradiology
Pharmacoangiographic Assessment of Penile Arteries in Patients with Erectile Failure
Ekelund, Forsberg, Olsson 271
Prostatic Ultrasound in Follow-Up of Prostatic Disease Guinan, Ray, Rubenstein 275

Urodynamics
Urinary Incontinence During Orgasm Khan, Bhola, Starer 279

SUPPLEMENT (UROLOGIC CONSIDERATIONS IN TREATING SUPERFICIAL BLADDER CANCER) TO MARCH 1988

Introduction Soloway 3
Introduction and Overview of Intravesical Therapy for Superficial Bladder Cancer Soloway 5
Intravesical Chemotherapy: How Effective Is It? Heney 17
BCG (RIVM) Versus Mitomycin Intravesical Therapy in Superficial Bladder Cancer:
First Results of Randomized Prospective Trial
DeBruyne, van der Meijden, Geboers, Franssen, van Leeuwen, Steerenberg, de Jonge, Ruitenberg 20
Treatment Schedule of Intravesical Chemotherapy with Mitomycin C in Superficial Bladder Cancer: Short-Term Courses or Maintenance Therapy van der Meijden and DeBruyne 26
Panel Discussion 30

APRIL 1988

Scientific Articles
Superficial Bladder Cancer Treated with Iintravesical Bacillus Calmette-Guérin or Adriamycin: Follow-up Report
Khanna, Son, Mazer, Read, Nugent, Cottone, Heeg, Rezvan, Viek, Uhlman, Friedmann 287
Hypertrophy of Labia Minora in Myelodysplastic Women: Labioplasty to Ease Clean Iintermittent Catheterization Kato, Kondo, Gotoh, Tanaka, Saitoh, Namiki 294
Anesthesia Penile Tumescence Test Douglas, Wedderburn, Bridge-Leake 297
Erectile Dysfunction Due to Ectopic Penile Vein Stief, Gall, Scherb, Bahren 300
Cylinder Problems With AMS 700 Inflatable Penile Prosthesis Fein 305

Urochemotherapy
Radical Cystectomy for Historical and Pathologic T1, N0, M0 (Stage A) Ttransitional Cell Cancer: Need for Adjuvant Systemic Chemotherapy? Siref and Zincke 309
Comparison of Flutamide and Emcyt in Hormone-Refractory Metastatic Prostatic Cancer
deKernion, Murphy, Priore, and Investigators of National Prostatic Cancer Project 312

Pediatric Urology
Fibroepithelial Polyp in A Child Mydlo, Reda, Gill, Kogan, Ziprkowski, Weiss, Levitt 318
Horseshoe Kidney in Russell-Silver Syndrome Arai, Wakabayashi, Pak, Tomoyoshi 321

Endourology
Flexible Cystoscopy and Retrograde Catheterization in Renal Transplant Patients Kramolowsky 324

Investigative Urology
Technetium-99m Dimercaptosuccinic Acid Uptake in Long-Term Catheterized Kidney: Comparison with Renal Function Higashihara, Tokuda, Kishi, Niijima, Okada, Nishikawa, Iio 327

Case Reports
Benign Retroperitoneal Schwannoma Donnal, Baker, Mahony, Leight 332
Traumatic Renal Artery Dissection Payne and Snell 335
Urethrovasocutaneous Fistula Assimos, Basile, Boyce 338

Surgeon's Workshop
Use of Office Colposcope to Diagnose Subclinical Papillomaviral and Other Infections of Male and Female Genitalia Wosnitzer 340
The Edelman Catheter Edelman 342

Uropathology
Leiomyoma of Tunica Albuginea of Testis Chiaramonte 344
Stony Testicle: Case of Calcific Granulomatous Orchitis Heyderman, O'Donnell, Lloyd-Davies 346

Uroradiology
Pyelosinus Extravasation and Urinoma Associated with Malignancy: Computed Tomography Demonstration Rose, Ragosin, LaRosa, Drago 349

Urodynamics
Changes in Detrusor Contractility After Incontinence Surgery Bergman and Bhatia 354

Uropharmacology
Ciprofloxacin in Management of Urinary Tract Infection Tolkoff-Rubin and Rubin 359

MAY 1988

Scientific Articles
Medical Castration Using Megestrol Acetate and Minidose Estrogen Johnson, Babaian, Swanson, von Eschenbach, Wishnow, Tenney 371
Sexually Transmitted Papillomaviral Infections: III. Management of Male Partner Rosemberg 375
Experience with Lyophilized Human Dura for Treatment of Peyronie Disease Collins 379
Video Transurethral Resection Using Controlled Continuous Flow Resectoscope Widran 382
Bone Fixation Technique for Transvaginal Needle Suspension Leach 388
Gonococcal Infections of Penile Prostheses Nelson and Gregory 391

Endourology
Lidocaine Jelly Push-Back of Ureteral Stones Chadbourne and Lyon 395

Investigative Urology
Effects of Renal Autotransplantation on Ureteral Peristalsis Raney 398

Urochemotherapy
Combination Chemotherapy Including VP-16 for Poor Prognosis Germ Cell Neoplasms Bukowski, Smith, Montie 403

Pediatric Urology
Changing Pattern of Scrotal Exploration for Testicular Torsion Sethia, Bickerstaff, Murie 408
Management of Ectopic Ureterocele Moussali, Cuevas, Heras 412

Case Reports
Treatment of Extensive Etramammary Paget Disease of Male Genitalia with Mohs Micrographic Surgery Wagner and Cottel 415
Tuberculous Epididymo-Orchitis Koyama, Iigaya, Saito 419
Periurethral Granuloma: Unusual Complication of Teflon Periurethral Injection Ferro, Smith, Smith 422
Tuberculous Rectourethral Fistula Okaneya, Ogawa, Wajiki 424

Surgeon's Workshop
Optical Dilator to Obviate Blind Urethral Dilatation Prior to Endoscopic Resections Soloway 427
Simple Continence-Maintaining Ileal Valve Drago, Nesbitt, Smith, Geraniotis, Cirulli 429

Uropathology
Primary Signet-Ring Cell Carcinoma of Urinary Bladder Bernstein, Reuter, Carroll, Whitmore 432
Is Cytology Capable of Adequately Grading Prostate Carcinoma? Matched Series of 50 Cases Comparing Cytologic and Histologic Pattern Diagnoses Maksem and Johenning 437

Uroradiology
Can Transabdominal Ultrasound Estimation of Postvoiding Residual (PVR) Replace Catheterization? Roehrborn and Peters 445
How to Differentiate Between Ectopia and Displacement in a Patient with Crossed Kidney de Jonge, van Nouhuys, Tjabbes 450

Urodynamics
Acute Urinary Retention in Herpes Genitalis Infection Greenstein, Matzkin, Kaver, Braf 453

Special Article
AUA/Ronald Park Davis-Orange Journal Scholar—Peter N. Bretan, Jr., M.D. 457

UROTECH (RECENT SURGEON'S WORKSHOP GEMS) MAY 1988

Surgeon's Workshops were reprinted from previous issues of urology

JUNE 1988

Scientific Articles

Does Bacillus Calmette-Guérin Immunotherapy Accelerate Growth and Cause Metastatic Spread of Second Primary Malignancy?
Khanna, Chou, Son, Mazer, Read, Nugent, Cottone, Heeg, Rezvan, Viek, Uhlman, Friedmann 459

Rational Guidelines in Renal Trauma Assessment Monstrey, Vander Werken, Debruyne, Goris 469

Comparison of Techniques for Vesicourethral Anastomosis: Simple Drect Versus Modified Vest Traction Sutures Igel, Barrett, Rife 474

Nondilated Obstructive Uropathy Spital, Valvo, Segal 478

Mid-Term Results of Autoinjection Therapy for Erectile Dysfunction Stief, Gall, Scherb, Bahren 483

Cylinder Reliability of Inflatable Penile Prosthesis: Experience with Distensible and Nondistensible Cylinders in 325 Patients Scarzella 486

Histoplasmosis of Kidneys Presenting as Chronic Recurrent Renal Disease
Kedar, Eldar, Abrahamson, Boss 490

Pediatric Urology

Management of Ureteropelvic Junction Obstruction in Neonate Koyle and Ehrlich 496

Delayed Retropubic Urethroplasty of Completely Transected Female Membranous Urethra
Lee and Lee 499

Endourology

Percutaneous Pyeloplasty Korth, Kuenkel, Erschig 503

Case Reports

Inflatable Penile Prosthesis Cylinder Failure After Internal Urethrotomy Carson 510

Page Kidney Phenomenon in Kidney Allograft Following Peritransplant Lymphocele
Yussim, Shmuely, Levy, Servadio, Shapira 512

Mechanical Failure of OmniPhase Penile Prosthesis Huisman and Macintyre 515

Uropathology

Primary Carcinoid Tumor of Kidney: Light and Electron Microscopy and Immunohistochemical Study
Acconcia, Miracco, Mattei, deSanti, Del Vecchio, Luzi 517

Surgeon's Workshop

The Kelly Scrotal Bridge Schoenberg, Kelly, Siegel, Hanno, Wein 521

Soft Radiopaque Loop Percutaneous Suprapubic Cystostomy Catheter Corriere 522

Percutaneous Placement of Suprapubic Tube Using Peel-Away Sheath Introducer
O'Brien and Pahira 524

Urodynamics

Utility of Rigiscan and Papaverine in Diagnosis of Erectile Impotence Weinberg and Badlani 526

Uroradiology

Relative Merits of MRI, Transrectal Endosonography and CT in Diagnosis and Staging of Carcinoma of Prostate Friedman, Seidmon, Radecki, Lev-Toaff, Caroline 530

SUPPLEMENT (AZTREONAM: ITS ROLE IN THE TREATMENT OF NOSOCOMIAL INFECTIONS) TO JUNE 1988

Introduction Roberts 3

AIDS: A Commentary Scott 6

Microbiology and Pharmacology of Aztreonam Duma 9

Immediate Hypersensitivity Reactions to Beta-Lactam Antibiotics
Moderator: Saxon; Discussants: Beall, Rohr, and Adelman 14

Aztreonam in Treatment of Intra-Abdominal Infections Malangoni 28

Role of Aztreonam in Lower Respiratory Tract Infections Cook 33

Panel Discussion Moderator: Malangoni; Panelists: Scott, Saxon, Duma, and Cook 37

Role of Aztreonam in Urinary Tract Infections Roberts 39

What Is the Cost of Nephrotoxicity Associated with Aminoglycosides?
Eisenberg, Koffer, Glick, Connell, Loss, Talbot, Shusterman, and Strom 45

Panel Discussion Moderator: Roberts; Panelists: Koffer and Solomkin 57